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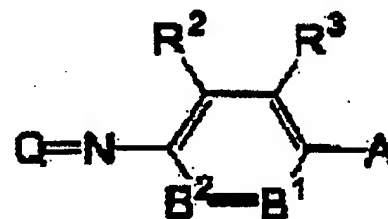
(54) COLORED FINE PARTICLE DISPERSION, INK-JET RECORDING INK USING THE SAME AND INK-JET RECORDING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a colored fine particle dispersion which has a small particle diameter of colored fine particles and, simultaneously, excels in dispersion stability, has small paper dependence and excels in color developability/tone in printing on any selected paper and, at the same time, water resistance and light-resistance.

SOLUTION: The colored fine particle dispersion comprises colored fine particles containing an oil-soluble dye which is preferably represented by formula (I) [wherein Q is an atom group necessary for the compound represented by formula (I) to have an absorption in the visible region and/or the near infrared region; A is -NR₄R₅ or a hydroxy group; R₄ and R₅ are each independently a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group; B₁ is =C(R₆)- or =N-, B₂ is -C(R₇)= or =N-, and R₂, R₃, R₆, and R₇ are each independently a hydrogen atom or a substituent] and a terminal-dissociative vinyl polymer.

一般式 (I)



LEGAL STATUS

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